Moplen HP400K

Polypropylene, Homopolymer

Product Description

Moplen HP400K is a general purpose homopolymer, can be processed by extrusion processes and injection moulding process. Typical applications include slit tapes, straws, housewares and funitures.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding, Tapes & Raffia
Features	Good Chemical Resistance, General Purpose, Homopolymer, Low Odor Transfer, Low to No Odor, Good Processability, Good Strength, Low Taste Transfer
Typical Customer Applications	Filament Yarn, Furniture, Housewares, Raffia/Tapes/Strapping

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1400	MPa
Tensile Strength @ Yield	ASTM D 638	33	MPa
Tensile Elongation @ Yield	ASTM D 638	11	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	32	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	93	°C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
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Users should review the applicable Material Safety Data Sheet before handling the product.

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